Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

In the Claims:

1. (Previously Presented) A circuit sheet, comprising:

a substrate;

a first set of ridges formed in a first direction on the substrate, at least one of the ridges having a first portion of a first height and having a second portion of a second height;

a second set of ridges formed in a second direction on the substrate; and

wells disposed on the substrate, defined by respective intersections of the first and second sets of ridges, and operable to hold, in a liquid phase, respective conductive polymers that when in a solid phase form circuit devices that can be interconnected to form an electronic circuit.

2. (Previously Presented) The sheet of claim 1 wherein the second direction is substantially perpendicular to the first direction.

3. (Original) The sheet of claim 1 wherein the substrate is flexible.

4. (Currently Amended) A circuit sheet, comprising:

a substrate having at least one surface region;

conductive-polymer dots disposed on the at least one surface region of the substrate and having respective sizes, the conductive-polymer dots forming a circuit device when the dots are in a solid phase; and

a chemical treatment disposed on the at least one surface region of the substrate beneath the dots and operable to limit the sizes of the conductive-polymer dots when the dots are in a liquid phase.

5. (Currently Amended) An electronic apparatus, comprising:

a substrate;

groups of conductive polymer dots disposed on the substrate in predetermined locations when the dots are in a liquid phase, the conductive polymer dots within each group interconnected to form a respective electronic device when the dots are in a solid phase; and

a connection layer that interconnects the electronic devices to form an electronic circuit.

6. (Previously Presented) The apparatus of claim 5, further comprising a display disposed on the connection layer and operable to be driven by the circuit.

7. (Previously Presented) The apparatus of claim 5 wherein at least one of the conductive polymer dots comprises poly-paraphenylene vinylene (PPV).

8. (Previously Presented) The apparatus of claim 5, further comprising wells disposed on the substrate in the predetermined locations and holding the dots.

9. (Previously Presented) The apparatus of claim 5 wherein the predetermined locations of the substrate are chemically treated to limit respective sizes of the dots.

10. (Currently Amended) A circuit sheet, comprising:

one and only one substrate; and

transistors disposed on the substrate, formed from a conductive polymer in a solid phase, electrically isolated from one another, and operable to be interconnected to form an electronic circuit, the conductive polymer being applied to the substrate in a liquid phase.

11. Cancelled.

12. (Currently Amended) A circuit, comprising:

one and only one substrate;

transistors disposed on the substrate and formed from a conductive polymer in a solid phase, the conductive polymer being applied to the substrate in a liquid phase; and

conductive traces disposed on the substrate and interconnecting the transistors in a predetermined topology to form an electronic circuit.

13. (Previously Presented) The circuit of claim 12, further comprising a display disposed on the substrate and operable to be driven by the interconnected transistors.

14. – 21. Cancelled.

22. (Previously Presented) The circuit sheet of claim 1, wherein the circuit devices comprise transistors.

23. (Previously Presented) The circuit sheet of claim 4, wherein the chemical treatment smoothens the surface region of the substrate.

24. (Previously Presented) The circuit sheet of claim 4, wherein the chemical treatment comprises a wax.

25. (Previously Presented) The apparatus of claim 5 wherein at least one of the electronic devices comprises a respective transistor.

26. (Previously Presented) The apparatus of claim 8, wherein the wells also hold nonconductive polymer dots.

27. (Previously Presented) The circuit of claim 12, wherein the conductive traces are formed from a conductive polymer.

28. (Currently Amended) A circuit sheet, comprising:

a substrate;

a first set of ridges formed in a first direction on the substrate, at least one of the ridges having a first height and at least another one of the ridges having a second height;

a second set of ridges formed in a second direction on the substrate; and

wells disposed on the substrate, defined by respective intersections of the first and second sets of ridges, and operable to hold, in a liquid phase, respective conductive polymers that when in a solid phase form circuit devices that can be interconnected to form an electronic circuit.

29. (Currently Amended) A circuit sheet, comprising:

a substrate;

a first set of ridges formed in a first direction on the substrate;

a second set of ridges formed in a second direction on the substrate, at least one ridge in the second set having a height that is different than a height of a ridge in the first set; and

wells disposed on the substrate, defined by respective intersections of the first and second sets of ridges, and operable to hold, in a liquid phase, respective conductive polymers that when in a solid phase form circuit devices that can be interconnected to form an electronic circuit.

30. (Previously Presented) The apparatus of claim 5 wherein at least one of the conductive polymer dots comprises poly-paraphenylene (PPP).